

WHAT IS CLAIMED IS:

1. An EMI shielding vent panel adapted for a corresponding aperture in a housing for electronic equipment, said panel comprising:

a two-piece, electrically conductive frame having a perimeter defining a closed geometry adapted to enclose said aperture of said housing, each frame piece including a side wall having first and second edges and an end wall extending from each first edge, said side walls having inner and outer surfaces, and wherein said end walls are disposed in an abutting orientation thereby positioning said inner surfaces of said side walls in an opposing orientation;

an electrically-conductive media comprising a plurality of ventilation cells extending along a transverse axis intermediate a pair of faces, wherein said cells define a perimeter for said media and said media being disposed intermediate said inner surfaces of said side walls;

wherein said frame pieces are secured to each other and to said electrically-conductive media thereby providing electrical contact between said frame and said electrically-conductive media.

2. The vent panel of claim 1, wherein said frame pieces are secured to said electrically-conductive media through said end walls.

3. The vent panel of claim 1 wherein said frame pieces are secured to said electrically-conductive media through said side walls.

4. The vent panel of claim 3, wherein at least one of said side walls includes a portion extending from said first edge to said second edge being deformed to project into said electrically-conductive media.

5. The vent panel of claim 1, wherein said end walls of said frame pieces are further disposed in an at least partially overlapping orientation, one of said end walls providing an outer end wall surface for said frame where the other of said end walls providing an interior end wall surface facing said electrically-conductive media.

6. The vent panel of claim 1, wherein said end wall providing said outer end wall surface includes a series of spaced-apart lances and said end wall providing said interior end wall surface includes a series of spaced-apart apertures positioned to provide engagement with said lances.
7. The vent panel of claim 1, wherein said ventilation cells are in a honeycomb structure.
8. The vent panel of claim 6, wherein said lances have a semicircular geometry.
9. The vent panel of claim 6, wherein said lances have a polygonal geometry.
10. The vent panel of claim 1, further comprising at least one conductive gasket disposed between said frame pieces and said media to facilitate electrical contact.
11. The vent panel of claim 10, wherein said at least one conductive gasket is comprised of an electrically conductive polymeric foam.
12. The vent panel of claim 11, wherein said electrically conductive polymeric foam is an open cell foam.